

| Ref # | Hits  | Search Query                                | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| S130  | 648   | 370/216.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:47 |
| S131  | 5140  | (backup or redundant or spare) with rout\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 09:50 |
| S132  | 91    | S130 and S131                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:18 |
| S133  | 42120 | (Active or backup or working)with path      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:19 |
| S134  | 112   | S130 and S133                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:19 |
| S135  | 72    | S134 not S132                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:30 |
| S136  | 374   | 370/217.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:39 |
| S137  | 66    | S131 and S136                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:47 |
| S138  | 170   | 370/221.ccls.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:40 |
| S139  | 30    | S131 and S138                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/12/17 10:40 |

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|----------|------|--|---|----|----|------------------|
| S14<br>0 | 296  | 370/225.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 10:47 |
| S14<br>1 | 68   | S131 and S140  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 10:47 |
| S14<br>2 | 153  | 370/237.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:06 |
| S14<br>3 | 5140 | (backup or redundant or spare)<br>with rout\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:19 |
| S14<br>4 | 19   | S143 and S142  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:06 |
| S14<br>5 | 440  | 370/238.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:53 |
| S14<br>6 | 49   | S143 and S145  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:06 |
| S14<br>7 | 12   | ("5265092"   "5361256"  <br>"5524254"   "5790546"   "5841775"<br>  "5987521"   "6049524"  <br>"6069895"   "6252878"  <br>"6275492").PN. OR ("6529481").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/17 14:13 |
| S14<br>8 | 65   | ("3394231"   "3870955"  <br>"4284852"   "4345116"   "4704724"<br>  "4825206"   "4853927"  <br>"4862496"   "4885780").PN. OR<br>("5058105").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/17 14:21 |
| S14<br>9 | 0    | ("2002/0093954").URPN.   | USPAT   | OR | ON | 2004/12/17 14:31 |

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| S15<br>0 | 177 | ospf same mpls  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 14:46 |
| S15<br>1 | 11  | ("4870639"   "5233604"  <br>"5999286"   "6301244"   "6321271"<br>  "6347078"   "6377551").PN. OR<br>("6584071").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/17 15:09 |
| S15<br>2 | 36  | S143 same mpls  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 15:35 |
| S15<br>3 | 80  | (dynamic with (backup or<br>redundant or spare) with rout\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 16:11 |
| S15<br>4 | 70  | ("4648088"   "4825206"  <br>"4853927"   "4884263"   "4956835"<br>  "5070497"   "5146452"  <br>"5173689"   "5189662"   "5212475"<br>  "5218601"   "5233600"  <br>"5235599"   "5319632"   "5325366"<br>  "5435003"   "5455832"  <br>"5479608"   "5493273"   "5495471"<br>  "5537532"   "5548639"  <br>"5586112"   "5590118"   "5590119"<br>  "5598403"   "5623481"  <br>"5636203"   "5636206"   "5646936"<br>  "5657320"   "5680326"  <br>"5710777"   "5721727"   "5734687"<br>  "5748611"   "5748617"  <br>"5757774"   "5781535"   "5802144"<br>  "5812524"   "5832196"  <br>"5838660"   "5841759"   "5850505"<br>  "5852600"   "5862125"  <br>"5862362"   "5867689"   "5875172"<br>  "5933422"   "5943314"  <br>"5986783"   "5991338"   "5999286"<br>  "6021113"   "6026073"  <br>"6026077"   "6044064"   "6049529"<br>  "6061735"   "6104695"  <br>"6108309"   "6137775"   "6154448"<br>  "6167025"   "6337846").PN. OR<br>("6507561").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/17 16:29 |
| S15<br>5 | 30  | ("4873517"   "4884263"  <br>"5031093"   "5056085"   "5093824"<br>  "5218601"   "5235599"  <br>"5495471").PN. OR ("5812524").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/17 16:43 |

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| S15<br>6 | 253  | S145 and @ad<"20000607"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:06 |
| S15<br>7 | 2842 | S143 and @ad<"20000607"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:22 |
| S15<br>8 | 239  | MPLS with QOS  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:18 |
| S15<br>9 | 17   | MPLS with QOS.ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:19 |
| S16<br>0 | 6    | MPLS with((backup or redundant or spare) with rout\$3).ab. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:21 |
| S16<br>1 | 0    | MPLS adj((backup or redundant or spare) with rout\$3)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:21 |
| S16<br>2 | 901  | (backup or redundant or spare) with rout\$3.ab.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:21 |
| S16<br>3 | 537  | S162 and @ad<"20000607"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/17 17:22 |
| S16<br>4 | 0    | "6512740.pn"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:42 |
| S16<br>5 | 2    | "6512740".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 09:42 |

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| S16<br>6 | 19  | ("4956835"   "4967411"  <br>"5235599"   "5325366"   "5495471"<br>  "5590119"   "5623481"  <br>"5636203"   "5657320"   "5781535"<br>  "5835482"   "5999286"  <br>"6075766").PN. OR ("6512740").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 09:47 |
| S16<br>7 | 173 | MPLS.ab.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 10:00 |
| S16<br>8 | 593 | MCI.asn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 09:48 |
| S16<br>9 | 0   | S167 and S168   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 09:48 |
| S17<br>0 | 1   | "5590119".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 10:00 |
| S17<br>1 | 28  | ("4873517"   "5031093"  <br>"5056085"   "5093824"   "5218601"<br>  "5495471").PN. OR ("5590119").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/20 10:00 |

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| S17<br>2 | 92 | ( "20030133417"   "4466060"  <br>"4648088"   "4825206"   "4853927"<br>  "4884263"   "4941089"  <br>"4956835"   "5070497"   "5146452"<br>  "5173689"   "5189662"  <br>"5212475"   "5218601"   "5233600"<br>  "5235599"   "5241534"  <br>"5253248"   "5319632"   "5325366"<br>  "5435003"   "5455832"  <br>"5457556"   "5479608"   "5493273"<br>  "5495471"   "5499237"  <br>"5537532"   "5548639"   "5572512"<br>  "5581689"   "5586112"  <br>"5590118"   "5590119"   "5598403"<br>  "5623481"   "5636203"  <br>"5636206"   "5646936"   "5657320"<br>  "5680326"   "5710777"  <br>"5721727"   "5734687"   "5748611"<br>  "5748617"   "5757774"  <br>"5768256"   "5781535"   "5796736"<br>  "5802144"   "5812524"  <br>"5832196"   "5832197"   "5838660"<br>  "5841759"   "5850505"  <br>"5852600"   "5862125"   "5862362"<br>  "5867689"   "5875172"  <br>"5914798"   "5933422"   "5943314"<br>  "5986783"   "5991338"  <br>"5999286"   "6021113"   "6026073"<br>  "6026077"   "6041049"  <br>"6044064"   "6049529"   "6061735"<br>  "6104695"   "6108309"  <br>"6130875"   "6137775"   "6154448"<br>  "6167025"   "6215763"  <br>"6222821"   "6278689"   "6282170"<br>  "6324162"   "6337846"  <br>"6377543"   "6414940"   "6418117"<br>  "6456589"   "6512740").PN. OR<br>("6813240").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/20 10:49 |
| S17<br>3 | 2  | "4956835".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/20 10:49 |
| S17<br>4 | 82 | ( "4048446"   "4635237"  <br>"4692918"   "4701756").PN. OR<br>("4956835").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/20 10:51 |
| S17<br>5 | 13 | ( "4956835"   "5065399"  <br>"5093824"   "5235599"   "5444693"<br>  "5495471"   "5748611"  <br>"5812524"   "5850505"   "6377543"<br>  "6404734"   "6421349").PN. OR<br>("6549513").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/20 11:04 |

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| S17<br>6 | 1369 | (backup or redundant or spare or alternate)adj (rout\$3 or path).ab.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/21 10:27 |
| S17<br>7 | 440  | 370/238.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/21 10:27 |
| S17<br>8 | 14   | S176 and S177   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/21 10:28 |
| S17<br>9 | 30   | ("4550397"   "4644533"  <br>"4679189"   "4679190"   "4704606"<br>  "4712214"   "4754451"  <br>"4764920"   "4823340"   "4837761"<br>  "4890281"   "4899334"  <br>"4912701"   "4955016").PN. OR<br>("5042032").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:30 |
| S18<br>0 | 17   | ("5146452"   "5159595"  <br>"5469428"   "5495472"   "5548639"<br>  "5550805"   "5745476"  <br>"5793746"   "6111853"   "6111881"<br>  "6141319"   "6195704"  <br>"6205562"   "6208653"   "6215765"<br>  "6269452"   "6278690").PN. OR<br>("6813242").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:36 |
| S18<br>1 | 14   | ("4345116").PN. OR ("6215765").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:41 |
| S18<br>2 | 6    | ("5253248"   "5901138"  <br>"5940379"   "6160651"   "6215765"<br>  "6504832").PN. OR ("6744984").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:45 |
| S18<br>3 | 93   | ("4466060"   "5018133"  <br>"5115433"   "5142531").PN. OR<br>("5253248").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:58 |
| S18<br>4 | 0    | "short\$3 Path Algorithm"   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 10:59 |
| S18<br>5 | 1423 | "ospf"  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 11:00 |
| S18<br>6 | 0    | S176 same S185  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2004/12/21 11:00 |

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| S18<br>7 | 23  | S176 and S185  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 11:00 |
| S18<br>8 | 19  | ("4991204"   "5067127"  <br>"5657320"   "5671215").PN. OR<br>("5953312").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 11:09 |
| S18<br>9 | 118 | ("4284852"   "4788721").PN. OR<br>("4991204").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 11:12 |
| S19<br>0 | 10  | ("4284852"   "4991204"  <br>"5130982"   "5142570"   "5402478"<br>  "5978730"   "6023501"  <br>"6389128"   "6487289"  <br>"6519337").PN. OR ("6816585").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 14:36 |
| S19<br>1 | 1   | "6628649".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 14:36 |
| S19<br>2 | 12  | ("5072217"   "5345228"  <br>"5367520"   "6151315"   "6252853"<br>  "6434612").PN. OR ("6628649").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2004/12/21 14:37 |